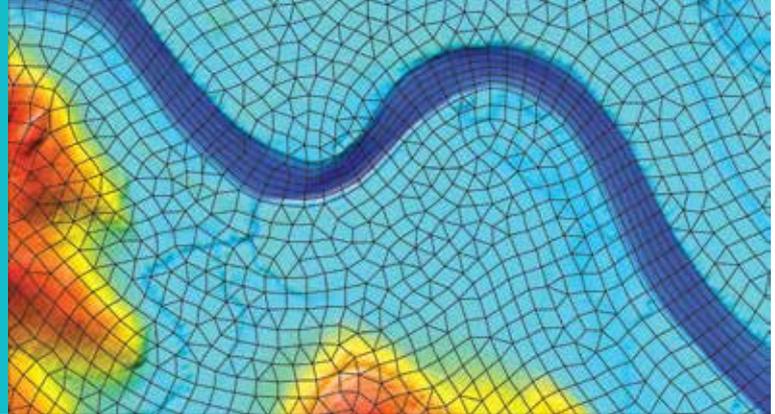


## TUFLOW FV New Features and Application Seminars

BMT WBM is pleased to announce the TUFLOW FV New Features and Application Seminars. These interactive sessions are intended to introduce the new TUFLOW FV features and showcase recent engineering and environmental assessments undertaken by TUFLOW FV users. The free seminars will be held in Australian capital cities and commence during March 2015. For further information please register your interest by contacting TufLOW Training at [training@tufLOW.com](mailto:training@tufLOW.com).



### What is TUFLOW FV?

TUFLOW FV is a numerical hydrodynamic model for the two-dimensional (2D) and three-dimensional (3D) Non-Linear Shallow Water Equations on unstructured meshes comprised of triangular and quadrilateral elements. The flexible mesh allows for seamless boundary fitting along complex coastlines or open channels as well as accurately and efficiently representing complex bathymetries and is particularly efficient at resolving a range of scales in a single model.

TUFLOW FV is a suitable tool for simulating a wide range of hydrodynamic systems to inform engineering and/or environmental assessments, including:

- River, floodplain, estuary, coastal and ocean hydrodynamics
- Sediment transport and morphology
- Water quality

Further information regarding TUFLOW FV is available via the website or by contacting TUFLOW Sales at [sales@tufLOW.com](mailto:sales@tufLOW.com)

### Who Should Attend the Seminars?

Both inexperienced and experienced hydrodynamic modellers will benefit from attending the seminar. It is also an excellent opportunity to discuss general modelling challenges and to ask the TUFLOW FV developers and expert users specific questions about the software and its application.

### What is the Seminar Agenda?

The following key topics will be addressed during each seminar:

- TUFLOW FV overview and new features available with the 2014-01 release
- Open boundary conditions and linking with global models
- Sediment transport and morphology
- Water quality and linkage with the Aquatic EcoDynamics (AED) model
- Structure types for flooding assessments
- Visualising 3D model outputs

The seminars will be presented by Dr Ian Teakle and Dr Matt Barnes. Full details of the seminar agenda, dates and locations will be provided to registered participants.

#### Dr Ian Teakle



Ian is the primary developer of TUFLOW FV and is involved in its application in a wide range of studies from flooding, coastal processes and water quality across a range of riverine, estuarine and coastal systems.

#### Dr Matt Barnes



Matt is a TUFLOW FV expert user and has developed a wide range of numerical tools for assessments in coastal, estuarine and riverine environments. These assessments have informed port and harbour development projects, the design of coastal and river infrastructure, coastal hazard studies and shoreline erosion management plans.